



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

## \*BIBDATASHEET\*

Bib Data Sheet

CONFIRMATION NO. 4044

SERIAL NUMBER 10/643,278	FILING DATE 08/18/2003 RULE	CLASS 331	GROUP ART UNIT 2817	ATTORNEY DOCKET NO. PD-02W179
-----------------------------	-----------------------------------	--------------	------------------------	-------------------------------------

## APPLICANTS

Michael R. Beylor, Tucson, AZ;

Wesley H. Dwelly, Sahuarita, AZ;  
 Vinh Adams, Tucson, AZ; Dennis C. Braunerter, Oro Valley, AZ;  
 Harry A. Schmitt, Tucson, AZ;

## \*\* CONTINUING DATA \*\*\*\*\*

*MBS NONE*

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

*MBS NO NE*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 11/11/2003

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	AZ	4	23	3
Verified and Acknowledged	<i>SHINGLETON MBS</i> Examiner's Signature Initials				

## ADDRESS

Patent Docket Administration  
 RAYTHEON COMPANY  
 Bldg. EO/E4/N119  
 P.O. Box 902  
 El Segundo, CA  
 90245

## TITLE

Low phase-noise local oscillator and method

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
------------	---	--

RECEIVED  
804

No. \_\_\_\_\_ for following:

1.18 Fees (Issue)

Other \_\_\_\_\_

Credit